

ABSTRACT

An alarm generation tool that operates within a Voice over IP (VoIP) network environment to generate alarms
5 based on ISDN disconnect cause codes. The tool examines call-specific usage records associated with VoIP traffic to detect ISDN disconnect cause codes and determines failure rate information from failure-type disconnect cause codes among the ISDN disconnect cause codes on a per-gateway basis. The tool
10 generates alarms when the failure rate information, such as failure rates and/or counts, exceeds defined thresholds.

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